

ABSTRACT OF THE DISCLOSURE

An improved rotary UV curing method and apparatus is provided to more effectively polymerize and cure an UV curable product, article, ink coating or
5 adhesive in or on a disk. Advantageously, the improved rotary UV curing method and apparatus has a special arrangement that provides for rotational movement between an array of UV-LED chips mounted on a panel and a UV curable disk or other UV curable product, article, ink, such as a UV curable coating or adhesive, to
10 better cure the UV photo initiators disk and product. One or more shields can also be provided to protect the UV LED chips from splatter or other objects which could otherwise damage or decrease the light emission, intensity and effectiveness of the UV LED chips.